

ABSTRACT

A generator-motor (100) includes an alternator (50), electrode plates (81, 82A to 82C, 83), a substrate (84), MOS transistors (Tr1 to Tr6), and an MOS driver (27).

5 Electrode plates (81, 82A to 82C, 83) are arranged on an end surface of the alternator (50) so as to substantially form a U-shape to surround a rotation shaft (50A) of the alternator (50). MOS transistors (Tr1, Tr3, Tr5) are arranged on the electrode plate (81), while MOS transistors (Tr2, Tr4, Tr6) are arranged on the electrode plates (82A, 82B, 82C) respectively. The MOS driver (27) is provided on the substrate (84)
10 arranged in a substantially U-shaped notch, and controls turn-on/off of the MOS transistors (Tr1 to Tr6).